

Trouble viewing this email? [View it on the web.](#)



Physics Digest

News, info, and updates for Ph.D. students in Physics at UW–Madison

October 23, 2020

Announcements

Congrats, Chuanhong (Vincent) Liu, on earning a QISE-NET award!

Our Lab Votes

Catalysts for Science Policy (CaSP) is an organization of graduate students and postdocs interested in promoting science literacy and civic engagement at UW-Madison. They are working on improving voter turnout among STEM students.

Ombuds

Ombuds are available to help all employees (and grad students!) that are dealing with work related challenges. It is a safe place where you can seek guidance regarding workplace concerns at any time.

Join the Chicago Quantum Exchange trainee listserve

If you'd like to receive CQE updates for trainees, such as job seminars or postdoc opportunities, then email sympa@lists.uchicago.edu with the subject: subscribe trainees_cqe firstname lastname [replace "firstname" and "lastname" with your first and last names, respectively]

Quantum Economic Development Consortium (QED-C)

The Quantum Economic Development Consortium (QED-C) quantumconsortium.org is collecting information from students at member universities who are interested in internships or full-time jobs at QED-C member companies. The information will be shared with members through the QED-C member-only website. If you'd like to have your information made available to companies, please complete this brief survey and upload your resume. Once we have received responses, we will share this with QED-C directly.

Thesis Defenses

Circuit Quantum Electrodynamics with Si/SiGe Quantum Dots

Date: Tuesday, October 27th, 3:00 PM (Online)

Nathan Holman, Physics PhD Graduate Student, Mark Eriksson, Faculty Advisor

Good luck, Nathan!

Upcoming Events

Department of Physics Event Calendar

See the departmental events calendar to be sure you don't miss any of the upcoming seminars, workshops, or journal clubs, workshops!

Electronic materials Ph.D. career panel

Date: October 23rd, 2020; 4:00 PM - 5:00 PM (Online)

Please RSVP [here](#) for a link to the discussion on Zoom.

UW-Madison Diversity Forum 2020

Date: October 27th - October 28th, 2020 (Online)

The 2020 UW–Madison Diversity Forum will be held virtually.

U.S. Department of Energy Internship Virtual Career Fair

Date: October 29th, 2020; 11:00 AM - 3:00 PM ET (Online)

Registration is now open [here](#).

Last Steps to Completing Your PhD Degree

Date: November 5th, 2020; 12:00 -1:30 PM (Online)

UW-Madison Showcase 2020 Virtual Lunch & Learn Series: THE ROLE OF RACE IN THE WORKPLACE

Date: December 3rd, 2020; 12:00 – 1:00 PM (Online)

Grad Students Spring Semester Enrollment Begins

Date: December 7th, 2020

The full schedule of classes for Spring 2021 is targeted to be available in early December.

Call for Nominations - Awards for Mentoring Undergraduates in Research, Scholarly and Creative Activities

Deadline: December 11th, 2020

UW-Madison Winter Commencement

Date: Sunday, December 13th, 2020 (Online)

Everything you should know about the changes to the commencement related events scheduled for December.

Professional Development

The following items are event highlights from the UW-Madison Graduate School Office of Professional Development:

Exploring and Embracing the Impact of Strong Emotion: A Conversation with Ida Balderrama-Trudell

Thursday, October 29th, 2020; 11:30 AM–12:30 PM CT (Online)

Dissertation Writing Camps – January 2021

Deadline: November 6th, 2020

Winter Dissertation Writing Camp, which will take place January 4-8, 2020. Applications are here.

Employment Opportunities

Postdoctoral Researcher in Quantum Biometrology, NIST

For more information, please contact contact [Elizabeth Goldschmidt](#)

The Simons Collaboration on Ultra-Quantum Matter Postdoctoral positions

Deadline: November 15th, 2020

Postdoctoral Positions in quantum thermodynamics and information in the group of Nicole Yunger Halpern, QuICS

Deadline: December 1st, 2020

For more information, please contact contact [Elizabeth Goldschmidt](#).

Faculty positions in Quantum Matter and Quantum Information Science, Perimeter Institute for Theoretical Physics

Deadline: December 1st, 2020

Two tenure-track Faculty positions in Quantum Matter and Quantum Information Science.

NSF Quantum Leap Challenge Institute, H-QAN, hiring three key staff positions

These are fantastic opportunities for individuals with a technical background who are ready to lead and contribute to the quantum information science and education ecosystem in the U.S. Please contact [Prof. Brian DeMarco](#) at UIUC with any questions.

- [Program and Partnerships Manager](#) (located in Champaign-Urbana)
- [Director of Education](#) (located in Chicago)
- Director of Outreach (located in Madison; job posting not yet available)

•

Funding Opportunities

QISE-NET currently accepting applications

Deadline: December 15, 2020

Graduate students partner with industry or national labs to advance innovative research topics in quantum information science and engineering.

Two Sigma Fellowships: Internal Nominations

Deadline: October 30th, 2020

The Department of Physics can nominate 3 PhD students for EACH of the following fellowships: The Two Sigma PhD Fellowship and the Two Sigma Diversity PhD Fellowships. Full details about the fellowships are included below.

- [2021 Two Sigma PhD Fellowship](#)
- [2021 Two Sigma Diversity PhD Fellowship](#)
- [Students Submit Information to Qualtrics Survey](#)
- [Faculty Advisors & Recommenders Submit Letters of Reference to BOX Folder](#)

2020 Student Research Grant Competition - Research Travel award and - Conference Presentation funds.

Deadline: December 31th, 2020

Only students with dissertator status or final-year MFA students are eligible for SRGC awards. We plan to review eligibility criteria after the Fall 2020 application round.

Connect with us!



[Department of Physics](#)

1150 University Avenue, Madison, WI 53706

This newsletter is for Ph.D. students in Physics at UW–Madison; we update the mailing list at the start of each semester. Please contact phddigest@physics.wisc.edu with any questions.